

DS+305/DS+305W

Boardrooms

Classrooms

Digital signage

Executive briefing centers

Meeting rooms

Training rooms



Compact design with stunning image quality

The Christie DS+305 is a compact single-chip projector with 10-bit image processing and BrilliantColor™ for the ultimate image performance.

Weighing only 6.3 lb, this compact projector delivers up to 3300 ANSI lumens, a 2500:1 contrast ratio and native SXGA+ resolution which translates into deep blacks and crisp whites for stunning image quality.

New high-bandwidth electronics, with PixelWorks™ DNX™ processing, improve video de-interlacing and scaling, reduce color degradation and dithering and improve gradation for spectacular smooth video.

The Christie DS+305 is equipped with a wide-range 1.7–2.2:1 zoom lens and 100% vertical lens shift. The Christie DS+305W features a 1:1 wide angle lens and 80% vertical lens offset. Both

models feature an advanced optical design for high brightness and BrilliantColor™ multi-primary image processing for optimum color saturation. Each model is capable of portrait orientation – perfect for digital signage applications.

The DS+305 uses proven single-chip DLP® technology that provides reliable long life operation. With the added confidence of 24/7 reliability, it is well-suited for intensive use applications such as retail signage, high resolution modeling or front projection control rooms. With lamp life up to 3000 hours and a filter-free, sealed optical engine for low maintenance, the Christie DS+305 is backed by Christie's renowned warranty and service and support programs for complete confidence.

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TECHNICAL SPECIFICATIONS

DS+305 (115-009101-01)

DS+305W (115-010101-01)

Image			
brightness	<ul style="list-style-type: none"> • 3300 ANSI lumens (max setting) 		
contrast	<ul style="list-style-type: none"> • 2500:1 full field, maximum 		
Display			
type	<ul style="list-style-type: none"> • 1-chip 0.95" DMD with BrilliantColor™ 6-color processing 		
native resolution	<ul style="list-style-type: none"> • SXGA+ (1400 x 1050) 		
Lamp			
type	<ul style="list-style-type: none"> • 220W UHP 		
life	<ul style="list-style-type: none"> • 2250 hrs (typical, at maximum brightness) • 3000 hrs (low power mode) 		
Input			
signals	<ul style="list-style-type: none"> • VGA through to UXGA (1600 x 1200) • 10-bit image processing • Accepts and displays common HDTV/DTV formats up to 1080P <ul style="list-style-type: none"> • Horizontal and vertical scaling, all inputs 		
pixel clock	<ul style="list-style-type: none"> • 162 MHz (analog) • 165 MHz (digital) 		
scan rates	<ul style="list-style-type: none"> • Horizontal: 15 to 120 kHz, Vertical: 50 to 110 Hz 		
Inputs, control and networking	<ul style="list-style-type: none"> • HD15 • DVI-I (HDCP-Compliant) • HDMI (HDCP-compliant) • Component video YPbPr – via female RCA • S-video – via 4-pin mini-DIN • Composite video – via female RCA • USB • RS-232 – via female 9-pin DSub • RJ45 • Wired remote control (3mm mini-jack) • 12v trigger control (3mm mini-jack) 		
Optical system	<ul style="list-style-type: none"> • 1.75 – 2.2 throw ratio • 1.5 – 10m throw distance • 100% vertical offset 	<ul style="list-style-type: none"> • 1:1 throw ratio • 1.5 - 10m throw distance • 80% vertical offset 	
Accessories			
standard	<ul style="list-style-type: none"> • Remote control w/batteries • VGA cable • DVI cable • USB cable • Line cord • User manual 		
optional	<ul style="list-style-type: none"> • Shipping case • Ceiling mount • User-replaceable lamp 		
advanced feature set	<ul style="list-style-type: none"> • PixelWorks DNX™ advanced video decoding and deinterlacing • PIN code security • On-board event programming • Comprehensive color adjustment • Vertical lens shift (depends on lens version) • Front and rear IR sensors <ul style="list-style-type: none"> • Portrait orientation operation 		
Power requirements			
operating voltage	<ul style="list-style-type: none"> • 100–240 VAC @50/60 Hz 		
operating current	<ul style="list-style-type: none"> • 3A @ 100V, 1.3A @ 220V 		
power	<ul style="list-style-type: none"> • 350W max 		
dissipation	<ul style="list-style-type: none"> • 1295 BTU/hr 		
Dimensions			
size	<ul style="list-style-type: none"> • (LxWxH): 9.2 x 10.9 x 3.7" (234x278x94mm) 		
weight	<ul style="list-style-type: none"> • Zoom lens: 6.4 lb (2.9 kg) 	<ul style="list-style-type: none"> • 1:1 lens: 7.5 lb (3.4 kg) 	
shipping weight	<ul style="list-style-type: none"> • 14.4 lb (5.5 kg) 	<ul style="list-style-type: none"> • 15 lb (6.8 kg) 	
Noise	<ul style="list-style-type: none"> • 24dB 		
Operating environment	<ul style="list-style-type: none"> • Temperature: 0–35° C (32-95° F) • Altitude: 0–3000 m (0-9800 ft) • Humidity: 20–90% 		
Regulatory approvals	<p>This product conforms to the following regulations related to product safety, environmental requirements and electromagnetic compatibility (EMC):</p> <ul style="list-style-type: none"> • FCC Part 15, Subpart B Class A • CISPR22/EN55022 • CISPR24/EN55024 • UL 60950-1 first edition • CAN/CSA-C22.2 No 60950-1-03 first edition • IEC60950-1:2001 • 2002/95/EC RoHS 		
Limited warranty	<ul style="list-style-type: none"> • 2 years parts, labor (excluding light engine) • Lamp: 120 days or 500 hrs, whichever comes first • Contact an authorized Christie representative for full details of our limited warranty 		
Corporate offices	Worldwide offices		
USA – Cypress ph: 714-236-8610 Canada – Kitchener ph: 519-744-8005	United Kingdom ph: +44 118 977 8000 Germany ph: +49 2161 664540 France ph: +33 (0) 1 41 21 44 04	Hungary/Eastern Europe ph: +36 (0) 1 47 48 100 Singapore ph: +65 6877 8737 Shanghai ph: +86 21 6278 7708	Beijing ph: +86 10 6561 0240 Korea ph: +82 2 702 1601 Japan ph: +81 3 3599 7481



▲ A simplified input panel offers connectivity for digital and analog sources.



▲ The DS+305W features a pin-sharp 1:1 throw ratio lens with 80% vertical offset.



ISO 9001



ISO 14001



For the most current specification information, please visit www.christiedigital.com

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